

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A clutch device for a recording/reproducing apparatus, comprising:

a central shaft installed on a main chassis;

a drive pulley having a cylindrical pulley holder portion, extending therefrom, said drive pulley rotatably connected to said central shaft;

driving means operatively connected to the drive pulley for rotating the drive pulley;

a gear in order to transmit the power received from the drive pulley to an idler gear;

a cylindrical holder unit ascendable/descendible along the central shaft;
and

a clutch spring placed between the cylindrical pulley holder portion and the cylindrical holder unit for selectively transmitting ~~a power~~ power with a certain torque ~~form~~ from the drive pulley to the gear in accordance with the rotational direction of the drive pulley;

wherein the clutch spring includes an first contacting portion producing friction by contacting to an surface of the cylindrical pulley holder portion, an second contacting portion producing friction by contacting to an surface of the cylindrical holder unit and a connecting portion connecting the first contacting portion and the second contact portion and.

wherein certain portions of the pulley holder portion and the gear holder unit are formed so as to project out toward the clutch spring in order to contact with the clutch spring.

2. (Currently Amended) The device of claim 1, wherein an outer diameter of the cylindrical pulley holder portion ~~being~~ is larger than an inner diameter of the cylindrical holder unit.

3. (Currently Amended) The device of claim 1, wherein the first contacting portion of the clutch spring is in contact with the inner surface of the cylindrical pulley holder portion, and the second contacting portion of the clutch spring is in contact with the outer surface of the cylindrical holder unit.

4. (Currently Amended) The device of claim 1, wherein the first and second contacting portion of the clutch spring ~~being~~ is selectively wound when it is rotated in a certain direction and respectively contacts with the surfaces of the cylindrical pulley holder portion or the cylindrical holder unit.

5. (Previously Presented) A clutch device for a recording/reproducing apparatus, comprising:

a central shaft installed on a main chassis;

a drive pulley having a cylindrical pulley holder portion, extending therefrom, said drive pulley rotatably connected to said central shaft;

driving means operatively connected to the drive pulley for rotating the drive pulley;

a gear in order to transmit the power received from the drive pulley to an idler gear;

a cylindrical holder unit ascendable/descendible along the central shaft;

a clutch spring placed between the cylindrical pulley holder portion and the cylindrical holder unit for selectively transmitting a power with a certain

torque from the drive pulley to the gear in accordance with the rotational direction of the drive pulley;

wherein the clutch spring includes an at least one contacting portion producing friction by contacting to an surface of the cylindrical pulley holder portion or the cylindrical holder unit and a connecting portion generating an elastic force;

a first transmitting path for directly transmitting the rotation of the drive pulley to the idler gear; and

a second transmitting path for transmitting the rotation of the drive pulley to the idler gear through the clutch spring with an certain slip output torque.

6. (Previously Presented) A clutch device for a recording/reproducing apparatus, comprising:

a central shaft installed on a main chassis;

a drive pulley having a cylindrical pulley holder portion, extending therefrom, said drive pulley rotatably connected to said central shaft;

driving means operatively connected to the drive pulley for rotating the drive pulley;

a gear in order to transmit the power received from the drive pulley to an idler gear;

a cylindrical holder unit ascendable/descendible along the central shaft;

a clutch spring placed between the cylindrical pulley holder portion and the cylindrical holder unit for selectively transmitting a power with a certain torque from the drive pulley to the gear in accordance with the rotational direction of the drive pulley;

wherein the clutch spring includes an at least one contacting portion producing friction by contacting to an surface of the cylindrical pulley holder

portion or the cylindrical holder unit and a connecting portion generating an elastic force;

a first transmitting path for directly transmitting the rotation of the drive pulley to the idler gear;

a second transmitting path for transmitting the rotation of the drive pulley to the idler gear through the clutch spring with an regular slip output torque; and

a third transmitting path for transmitting the rotation of the drive pulley to the idler gear through the clutch spring with an specific slip output torque.

7. (Previously Presented) The device of claim 5, wherein an outer diameter of the cylindrical pulley holder portion is larger than an inner diameter of the cylindrical holder unit.

8. (Previously Presented) The device of claim 5, wherein one contacting portion of the clutch spring is in contact with the inner surface of the cylindrical pulley holder portion, and the other contacting portion of the clutch spring is in contact with the outer surface of the cylindrical holder unit.

9. (Previously Presented) The device of claim 8, wherein at least one of the contacting portions of the clutch spring is selectively wound on the cylindrical pulley holder or the cylindrical holder unit when it is rotated in a certain direction.

10. (Previously Presented) The device of claim 6, wherein an outer diameter of the cylindrical pulley holder portion is larger than an inner diameter of the cylindrical holder unit.

11. (Previously Presented) The device of claim 6, wherein one contacting portion of the clutch spring is in contact with the inner surface of the cylindrical pulley holder portion, and the other contacting portion of the clutch spring is in contact with the outer surface of the cylindrical holder unit.

12. (Currently Amended) The device of ~~claim 6~~ claim 11, wherein at least one of the contacting portions of the clutch spring is selectively wound on the cylindrical pulley holder ~~and~~ or the cylindrical holder unit when it is rotated in a certain direction.